ABSTRACT

Process and device for coding video images

The process comprises:
- a step of extraction (1) of at least one video object from an image originating from a sequence of images, by the construction of a segmentation key defining the contours of the object in the image,
- a step of coding (2) the video object according to the MPEG 2 standard so as to form an elementary stream (ES),
- a step of coding (3) the segmentation key relating to the video object, according to the MPEG 2 standard, so as to form an elementary stream,
- a step of coding (5) a background image into which the object is to be inserted, according to the MPEG 2 standard, so as to form an elementary stream,
- a step of multiplexing (4, 6, 7) the elementary streams relating to one or more objects and to the background image so as to provide a programme stream (PS) or transport stream (TS) according to the MPEG 2 standard.

Applications relate to studios, transmission, storage of video images.

Fig. 3.